

**Appln No. 10/586,081**  
**Amdt date July 8, 2011**  
**Reply to Office action of April 4, 2011**

**REMARKS/ARGUMENTS**

Claims 2 and 3 are pending in the application and stand rejected as being anticipated by Bredt et al (2001/0050031). Applicant respectfully traverses the rejection and requests reconsideration.

Applicant has amended the claims by moving the limitation from claim 3 into claim 2, canceling claim 3, and adding the limitation that "the volume fraction of the cavities accounts for minimally 30% and maximally 90% of the volume of the particles." Support for the cavity volume fraction limitation is found in the application as filed, at page 5, second full paragraph. No new matter has been added. The amendment will advance allowance of the claim and also places the claim in better condition for any appeal that may follow. Entry of the amendment is respectfully requested.

In the final rejection dated April 11, 2011, the Examiner states that, in the Bredt et al. reference, the fluid infiltrates the less-soluble and slightly-porous particles and, when the material is irradiated, "the pores of the particles will inherently be preserved after solidification or curing by the radiation from the ultraviolet." Applicant respectfully disagrees. If the fluid described in Bredt et al "infiltrates the less-soluble and slightly-porous particle," this can only mean that the cavities are not essentially preserved, as now called for in amended claim 2. Applicant respectfully submits that the Examiner has not met the very high showing required under the law to satisfy a conclusion of inherent anticipation of a given feature (see the cases cited on page 4 of Applicant's Response to Office action, filed February 7, 2011). Bredt et al. does not anticipate claim 2.

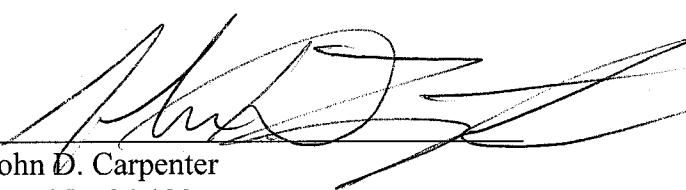
Applicant also notes that, as presently amended, claim 2 calls for a volume fraction of cavities amounting to from 30% to 90% of the volume of the particles. This limitation provides an optimal balance between weight and stability. Such a limitation is neither taught nor suggested by Bredt et al.

**Appln No. 10/586,081  
Amdt date July 8, 2011  
Reply to Office action of April 4, 2011**

Accordingly, Applicant respectfully requests a Notice of Allowance.

Respectfully submitted,

By

  
John D. Carpenter  
Reg. No. 34,133  
626/795-9900

JDC/tep

TEP PAS1127096.1-\* 07/8/11 2:06 PM